

(b) *Locations within the United States at which TSA conducts screening.* Each aircraft operator must ensure that the individuals or property have been inspected by TSA before boarding or loading on its aircraft. This paragraph applies when TSA is conducting screening using TSA employees or when using companies under contract with TSA.

(c) *Aircraft operator conducting screening.* Each aircraft operator must use the measures in its security program and in subpart E of this part to inspect the individual or property. This paragraph does not apply at locations identified in paragraphs (b) and (d) of this section.

(d) *Locations outside the United States at which the foreign government conducts screening.* Each aircraft operator must ensure that all individuals and property have been inspected by the foreign government. This paragraph applies when the host government is conducting screening using government employees or when using companies under contract with the government.

**§ 1544.209 Use of metal detection devices.**

(a) No aircraft operator may use a metal detection device within the United States or under the aircraft operator's operational control outside the United States to inspect persons, unless specifically authorized under a security program under this part. No aircraft operator may use such a device contrary to its security program.

(b) Metal detection devices must meet the calibration standards established by TSA.

**§ 1544.211 Use of X-ray systems.**

(a) *TSA authorization required.* No aircraft operator may use any X-ray system within the United States or under the aircraft operator's operational control outside the United States to inspect accessible property or checked baggage, unless specifically authorized under its security program. No aircraft operator may use such a system in a manner contrary to its security program. TSA authorizes aircraft operators to use X-ray systems for inspecting accessible property or checked bag-

gage under a security program if the aircraft operator shows that—

(1) The system meets the standards for cabinet X-ray systems primarily for the inspection of baggage issued by the Food and Drug Administration (FDA) and published in 21 CFR 1020.40;

(2) A program for initial and recurrent training of operators of the system is established, which includes training in radiation safety, the efficient use of X-ray systems, and the identification of weapons, explosives, and incendiaries; and

(3) The system meets the imaging requirements set forth in its security program using the step wedge specified in American Society for Testing Materials (ASTM) Standard F792-88 (Re-approved 1993). This standard is incorporated by reference in paragraph (g) of this section.

(b) *Annual radiation survey.* No aircraft operator may use any X-ray system unless, within the preceding 12 calendar months, a radiation survey is conducted that shows that the system meets the applicable performance standards in 21 CFR 1020.40.

(c) *Radiation survey after installation or moving.* No aircraft operator may use any X-ray system after the system has been installed at a screening point or after the system has been moved unless a radiation survey is conducted which shows that the system meets the applicable performance standards in 21 CFR 1020.40. A radiation survey is not required for an X-ray system that is designed and constructed as a mobile unit and the aircraft operator shows that it can be moved without altering its performance.

(d) *Defect notice or modification order.* No aircraft operator may use any X-ray system that is not in full compliance with any defect notice or modification order issued for that system by the FDA, unless the FDA has advised TSA that the defect or failure to comply does not create a significant risk of injury, including genetic injury, to any person.

(e) *Signs and inspection of photographic equipment and film.* (1) At locations at which an aircraft operator uses an X-ray system to inspect accessible property the aircraft operator must ensure that a sign is posted in a